Specifications

Product Number		PLC-XL51
System		RGB LCD shutter projection system
LCD Panel	Size	0.8" type x 3, aspect ratio 4:3
	Pixels	786,432 (1024 x 768) x 3 Total Pixels 2,359,296
Light Source		275 W NSHA lamp x 1
Screen Size		Minimum 60" - Maximum 80" (Projection distance varies with the mounting position)
Color Reproducibility		Full color (16.77 million colors)
Brightness		2,700 lumens
Contrast		1,200:1 Lamp mode "Auto" Image mode "Dynamic"
Speaker		2.0 W Mono
Scanning Frequency		Horizontal: 15-100 KHz; Vertical: 50-100 Hz Dot clock 140 MHz or less, G on Sync. Compatible
Displayable Resolution	During RGB Signal Input	1024 x 768 dots (1920 x 1080 dots resizing display possible)
Terminals	Computer	D-sub 15 pin for Input D-sub 15 pin for Input or Monitor out
	Video	RCA x 1: Video Mini-DIN 4-pin: S-Video RCA x 3: Y-Pb/Cb-Pr/Cr
	Audio	RCA (L/R) for Video Input Mini-Jack (Stereo) for Computer Input Mini-Jack (Stereo) for output (variable)
	Other	Mini-DIN 8-pin: Service Port (RS-232C) RJ-45 for LAN Port SD Card Slot for Memory Viewer
Operating Temperature		5 - 40 C
Power Source		100V - 240V AC (auto voltage)
Dimensions (WxHxD)		14.7 x 7.8 x 19.5 inch
Power Consumption		400 W (stand by: 10 W)
Weight		17.0 lbs.
Main Accessories		Operating manual (CD-ROM), Removable power cord x 1, Wireless remote control x 1 (w/2xAA batteries), D-sub cable x 1, Pin code label x 1, Alarm label x 1, Stand x 1, Application soft for Network (CD-ROM)

Replacement Lamp type No: 610 337 9937
*Specifications as of September 1, 2008 subject to change.
*All product names and company names are trademarks or registered trademarks of their respective companies

Caution: Please consult the instruction manual to ensure safe and proper operation of the product.

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For Life and the Earth

SANYO

Ultra-Short Focus Projector

PLC-XL51

A Remarkably Short Focus and Networking Capabilities Present a Whole New Future

Ultra-Short Focus Projector

PLC-XL51

XGA 2700 lumens

3LCD

A Large-Screen, Wall-Mounted Ultra-Short Focus Projector with the World's Shortest Projection Distance*1

Large-screen images have tremendous promotional power. With the PLC-XL51, you can unleash that power even in a very small space. For example, you can project large-screen digital signs in a small show window to attract widespread attention. You can also stand the projector vertically to project onto the floor and create an entirely new, eye-catching effect. And of course, you can enjoy the same large-screen utility in small spaces like meeting rooms, classrooms, or just about anywhere.

Restaurants
Moving images can be projected to provide information such as "Today's lunch" or "Special menu" during lunch time.

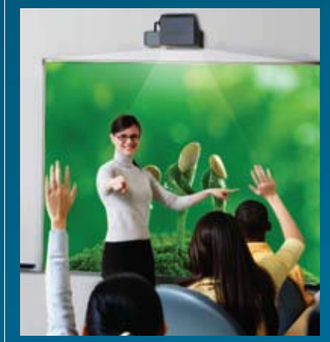
Tabletop installation for rear projection onto a wall

Business Presentations
The wall-mounted projector can be used to give presentations even in small meeting rooms.

Tabletop installation for wall projection

Department Stores
Images can be projected onto an unused space in a retail store, such as a passageway or the floor, to turn it into an active advertising space.

Floor projection



Classrooms
By projecting the image from above the blackboard, the whiteboard (or screen), the instructor does not block the projected light, so he or she can lead the lesson more smoothly.

Ceiling-mounted installation for wall projection

Preschools
By projecting a large image on the floor, children can enjoy a new type of classroom environment in which they can all share in a visual learning experience.

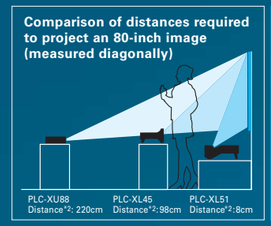
Floor projection

Strategetic Planning
The projector can be set up below a table to project an image onto the table as a rear-projection system. This allows participants to examine a design or drawing from various angles to encourage brainstorming.

Under-table installation for rear projection onto the tabletop

World's Shortest*1 Projection Distance

In order for Sanyo to shorten the projection distance of its projectors, new large diameter aspheric lens and high-precision aspheric mirror technology was developed. Sanyo also developed a new optical engine, enabling an 80 inch projection from the short distance of only approximately 3 inches*2. Through this, large projections from a short distance are possible, and projection is possible even in tight or small meeting rooms, creating a meeting opportunity in any room or space that is available.


Comparison of distances required to project an 80-inch image (measured diagonally)
PLC-XU88 Distance*2: 220cm
PLC-XL45 Distance*2:98cm
PLC-XL51 Distance*2:8cm

Bright 2,700 Lumens

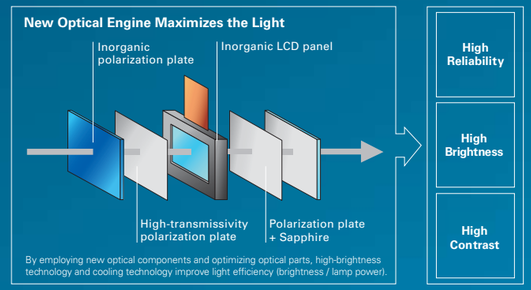
PLC-XL51 achieve a bright 2,700 lumens thanks to a number of advanced technologies in their optical engine and a 275 W lamp.

High Contrast Produces Superb Images with Crisp Blacks

Newly developed LCD panels work together with a high-contrast optical system to produce a contrast ratio of 1,200:1.

New Optical Engine

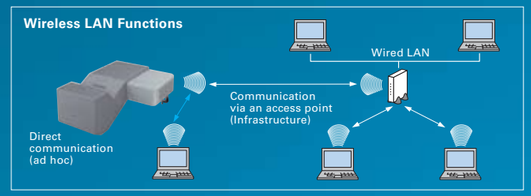
We enhanced brightness by combining advanced optical components under optimal conditions. We also maximized cooling technology to increase light efficiency factors such as luminance and lamp output. Together, they achieve a high brightness level and low power consumption.


New Optical Engine Maximizes the Light
Inorganic polarization plate
Inorganic LCD panel
High-transmissivity polarization plate
Polarization plate + Sapphire
By employing new optical components and optimizing optical parts, high-brightness technology and cooling technology improve light efficiency (brightness / lamp power).
High Reliability
High Brightness
High Contrast

Networking Capability

The wireless interface is compatible with IEEE 802.11b / g standards, offering transfer speeds up to 54 Mbps and providing WEP/ WPA / WPA2 security.

Supported Operating Systems: Microsoft Windows 2000, Windows XP, Windows Vista (32-bit version), or Mac OS X v10.4 or later*
* Not all functions are available with the Mac OS.



Various Floor Projection

By making use of the main features of the LP-XL51's extremely wide angle and the short distance of projection needed, adding to traditional uses of projectors, many new and various types of applications and locations become available.

Vibration-Detection Anti-Theft Alarm

An audio alarm lets you install the projector in places where you previously could not.

Blackboard/Color Board Mode

This mode lets you use a blackboard as a projection screen*3. It adjusts the colors to make images look similar to those projection to an ordinary white screen.

Other Features

• SD Card Viewer • Digital Zoom Function • Easy Off Function • On-Start Function

Terminals

PLC-XL51 XGA 2700 lumens

*1: As of September 1, 2008 for front projectors. *2: Distance between projector unit and screen surface.
*3: The colors of images projected onto a blackboard or color board may vary from those of the original input signal.